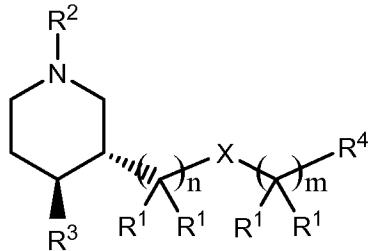


**CLAIMS**

This listing of the claims will replace all prior versions and listings of the claims in the application.

1. **(currently amended)** A compound represented by formula I:



I

wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>, or oxadiazole;~~

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

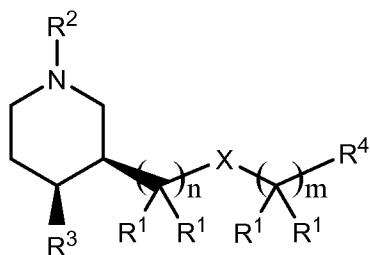
R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

2. **(currently amended)** A compound represented by formula II:



wherein

$R^1$  represents independently for each occurrence H or alkyl;

$R^2$  is H, alkyl, aryl, aralkyl, or  $-C(O)R^5$ ;

$R^3$  is aryl, heteroaryl, or aralkyl;

$R^4$  is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>, or oxadiazole~~;

$R^5$  is alkyl, aryl, heteroaryl, or aralkyl;

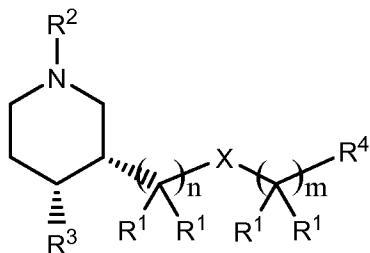
$R^6$  represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of  $R^6$  may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

3. (currently amended) A compound represented by formula III:



III

wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>~~, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

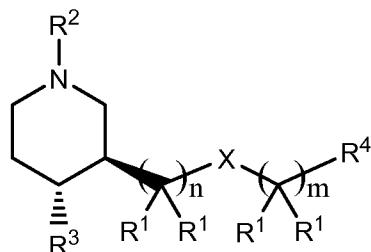
R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

4. **(currently amended)** A compound represented by formula IV:



**IV**

wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is ~~hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>~~, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

Claims 5-23 (**canceled**)

24. (**original**) The compound of claim 2, wherein X is S or -S(O)-.
25. (**original**) The compound of claim 2, wherein R<sup>2</sup> is methyl, ethyl or propyl.
26. (**original**) The compound of claim 2, wherein R<sup>2</sup> is methyl.
27. (**currently amended**) The compound of claim 2, wherein R<sup>3</sup> is aryl optionally substituted phenyl.
28. (**currently amended**) The compound of claim [[2]] 27, wherein R<sup>3</sup> is halophenyl.
29. (**currently amended**) The compound of claim [[2]] 27, wherein R<sup>3</sup> is 3-chlorophenyl.
30. (**canceled**)
31. (**currently amended**) The compound of claim 2, wherein R<sup>4</sup> is ~~C(O)N(R<sup>6</sup>)<sub>2</sub>~~ and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.
32. (**original**) The compound of claim 2, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.
33. (**canceled**)
34. (**original**) The compound of claim 2, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.
35. (**original**) The compound of claim 3, wherein X is S or -S(O)-.
36. (**original**) The compound of claim 3, wherein R<sup>2</sup> is methyl, ethyl or propyl.
37. (**original**) The compound of claim 3, wherein R<sup>2</sup> is methyl.

38. (**currently amended**) The compound of claim 3, wherein R<sup>3</sup> is aryl optionally substituted phenyl.

39. (**currently amended**) The compound of claim [[3]] 38, wherein R<sup>3</sup> is halophenyl.

40. (**currently amended**) The compound of claim [[3]] 38, wherein R<sup>3</sup> is 3-chlorophenyl.

41. (**canceled**)

42. (**currently amended**) The compound of claim 3, wherein R<sup>4</sup> is ~~C(O)N(R<sup>6</sup>)<sub>2</sub>~~ and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.

43. (**original**) The compound of claim 3, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.

44. (**canceled**)

45. (**original**) The compound of claim 3, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.

46. (**original**) The compound of claim 4, wherein X is S or -S(O)-.

47. (**original**) The compound of claim 4, wherein R<sup>2</sup> is methyl, ethyl or propyl.

48. (**original**) The compound of claim 4, wherein R<sup>2</sup> is methyl.

49. (**currently amended**) The compound of claim 4, wherein R<sup>3</sup> is aryl optionally substituted phenyl.

50. (**currently amended**) The compound of claim [[4]] 49, wherein R<sup>3</sup> is halophenyl.

51. (**currently amended**) The compound of claim [[4]] 49, wherein R<sup>3</sup> is 3-chlorophenyl.

52. (**canceled**)

53. (**currently amended**) The compound of claim 4, wherein R<sup>4</sup> is ~~C(O)N(R<sup>6</sup>)<sub>2</sub>~~ and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.

54. (**original**) The compound of claim 4, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.

55. (**canceled**)

56. (**original**) The compound of claim 4, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.

Claims 57-107(**canceled**)

108. (**previously presented**) The compound of claim 1, wherein X is S or -S(O)-.

109. (**previously presented**) The compound of claim 1, wherein R<sup>2</sup> is methyl, ethyl or propyl.

110. (**previously presented**) The compound of claim 1, wherein R<sup>2</sup> is methyl.

111. (**currently amended**) The compound of claim 1, wherein R<sup>3</sup> is aryl optionally substituted phenyl.

112. (**currently amended**) The compound of claim [[1]] 111, wherein R<sup>3</sup> is halophenyl.

113. (**currently amended**) The compound of claim [[1]] 111, wherein R<sup>3</sup> is 3-chlorophenyl.

114. (**canceled**)

115. (**currently amended**) The compound of claim 1, wherein R<sup>4</sup> is ~~C(O)N(R<sup>6</sup>)<sub>2</sub>~~ and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.

116. (**previously presented**) The compound of claim 1, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.

117. (**canceled**)

118. (**previously presented**) The compound of claim 1, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.